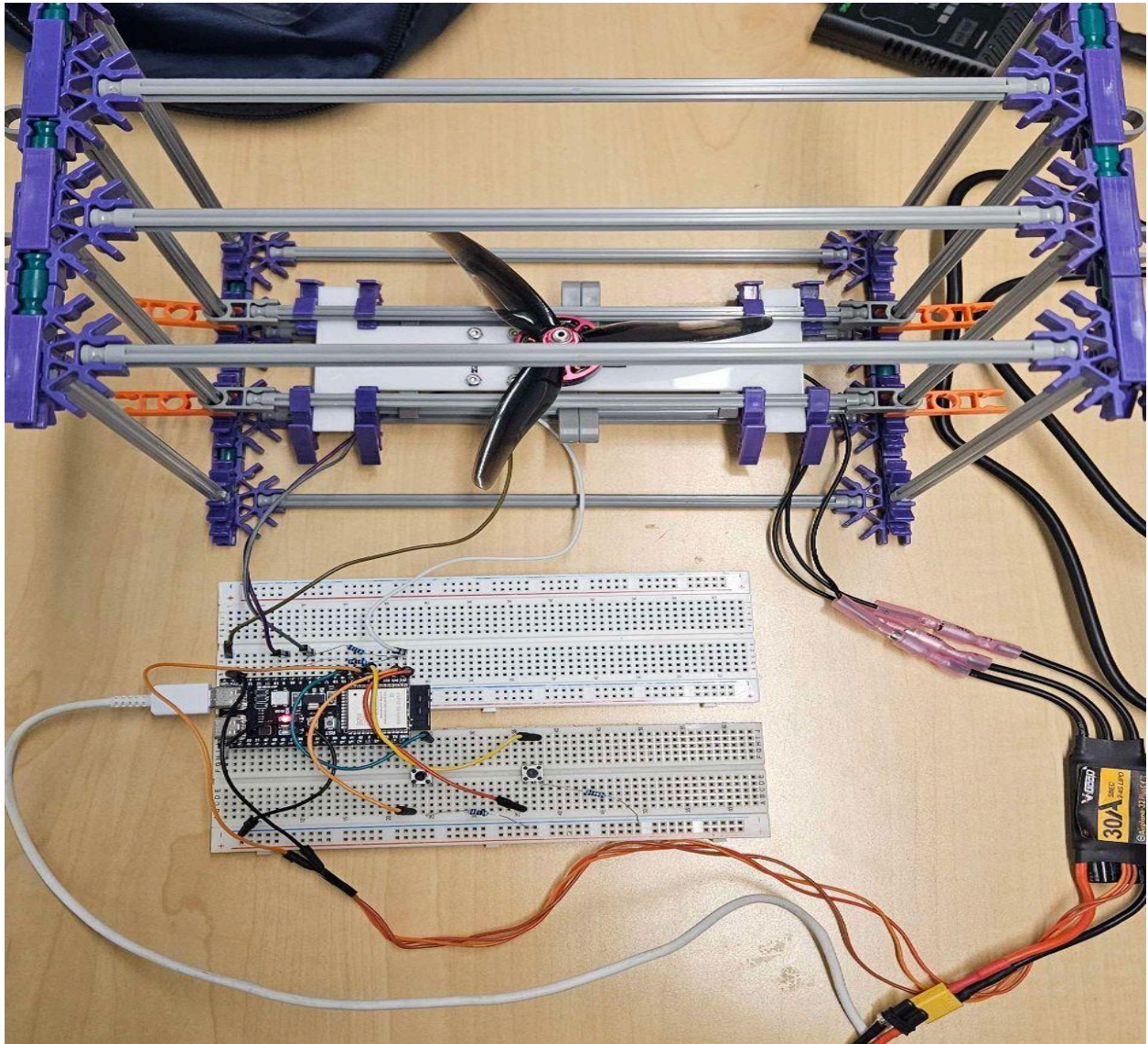# User Documentation

- The battery connects to the ESC.
- The ESC connects to the motor, where the wire connections matter to make sure the motor rotates the correct way.
- The ESC has a SBEC, which has three pins. The ones used for the project are the brown and orange. The brown connects to the ground of the ESP32 and the orange is connected to the 7 pin of the ESP32.
- The distance sensor has four pins that are being used. The white wire is connected to the 3V3 pin from the ESP32. The brown wire is ground. The purple wire was pin 9 and the grey wire was pin 8.
- The green and yellow wires are the input pins if the buttons are pressed. The green is pin 6 for hovering and the yellow is pin 15 for landing.
- The orange and red wires are 3V3 connected to the buttons.